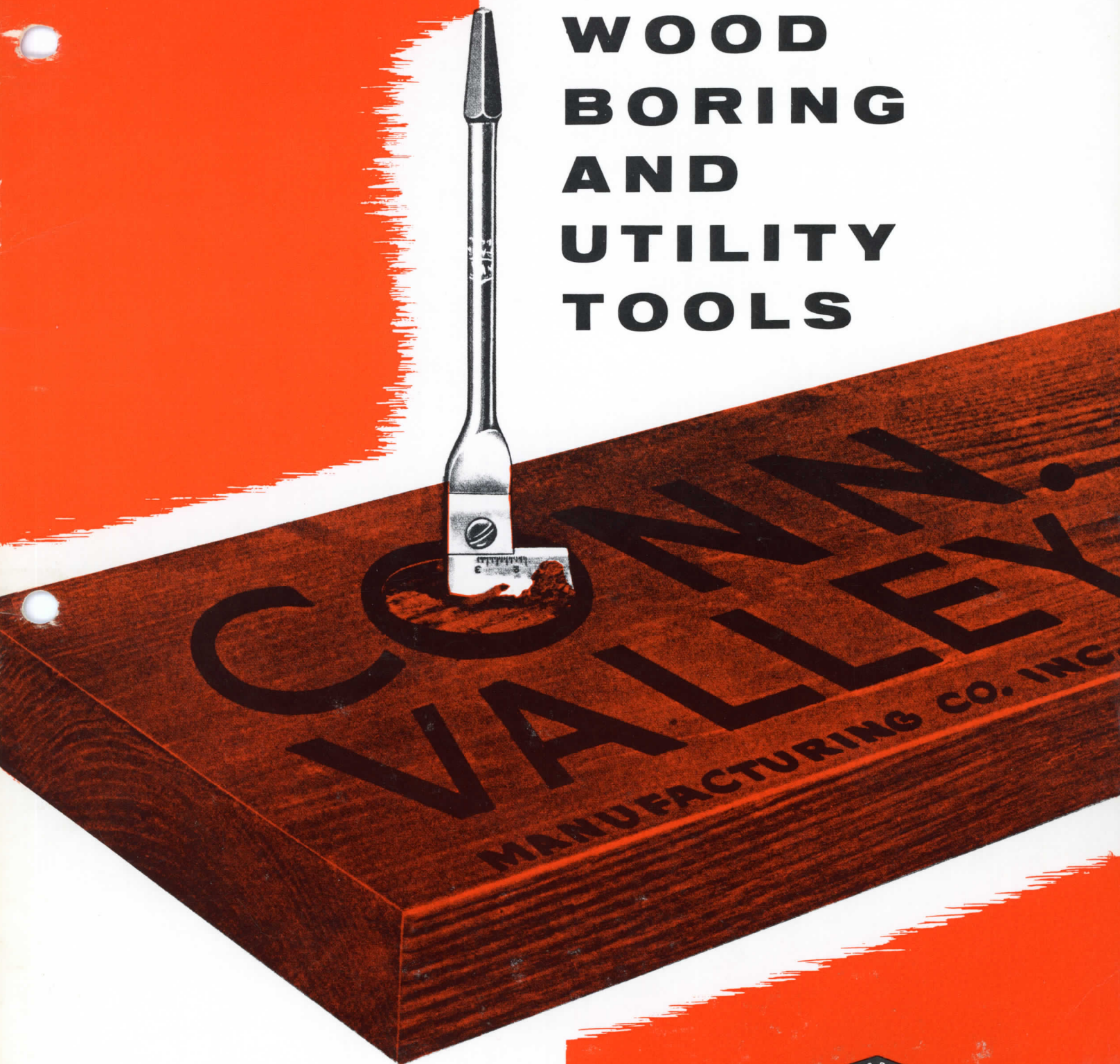


# WOOD BORING AND UTILITY TOOLS



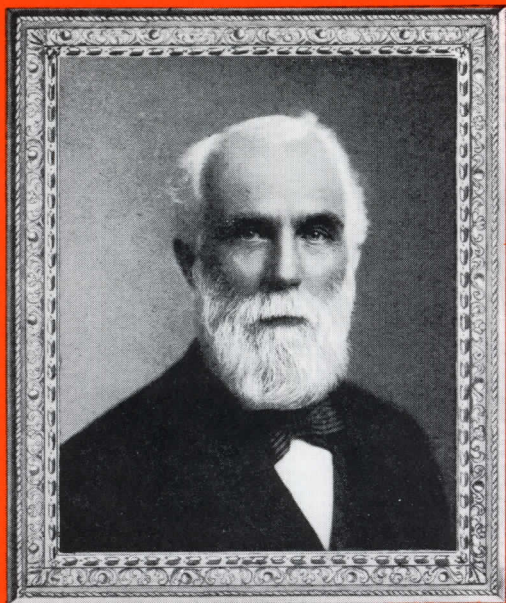
THE CONNECTICUT VALLEY MFG. CO.

P. O. BOX 3200

NEW BRITAIN, CONNECTICUT 06050

INCORPORATED 1874





At The Connecticut Valley Manufacturing Company we see a flourishing, fourth-generation, family-operated plant.

This tradition was set in motion by Alfred M. Wright, who joined the original firm in 1866.

About 1890 he decided there was a real need for a good expansive bit. With this tool a carpenter or pattern-maker could enjoy the convenience and economy of a single bit capable of boring holes of many sizes.



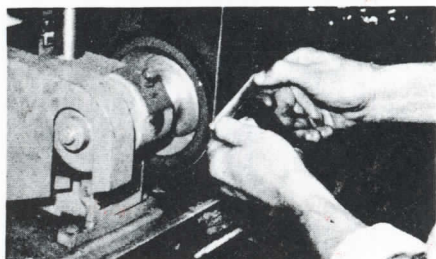
## HOW YOU SAVE WITH EXPANSIVE BITS . . .

You would have to spend a lot of money to own enough auger bits to bore

all stock sizes from  $\frac{1}{2}$ " to 5". Yet with only two *Expansive Bits*, and extra cutters, you can bore any size hole — stock or in-between — in this range.

## CONNECTICUT VALLEY EXPANSIVE BIT CUTTERS Held Securely By Stepped Clamping Plate

When the bit is held sideways a step may be seen at the base of the dovetail. It is this step that raises the plate into a locking position, where the greatest pressure is exerted,



### 1. Keen edge assured when sharpened by hand

Steel used in Connecticut Valley expansive bits is always uniform — forged and heat-treated in our own plant. Hand sharpening at the factory makes good work easier.

### 2. Positive, dependable feed because threads on points are milled

The threads on Connecticut Valley bits are cut smooth because they are milled from solid stock. Smooth threads are always on the job; drawing the bit steadily with every turn. There are no rough edges to snag wood fibres and clog them between threads.







## WRIGHT PATENT EXPANSIVE BITS

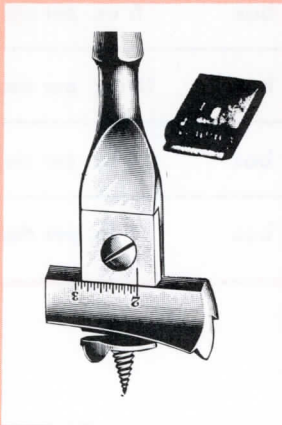
| <i>Brace Type - Micromatic Adjustment</i> |                           |        |                      |                            |                     |                    |
|---|---------------------------|--------|----------------------|----------------------------|---------------------|--------------------|
| No.                                       | Name                      | Length | Cutters<br>Furnished | Capacity                   | Standard<br>Packing | Shipping<br>Weight |
| 10  | Wright Large<br>Brace Bit | 9"     | #3<br>#4             | bores holes<br>7/8" to 3"  | 6 pouches           | 3½ lbs.            |
| 20  | Wright Small<br>Brace Bit | 8"     | #1<br>#2             | bores holes<br>5/8" to 1¾" | 6 pouches           | 5 lbs. per doz.    |

## Special Advantages of

# WRIGHT

## EXPANSIVE BITS

### ACCURATE HOLE SIZE — with CLAMPED Micromatic Adjustment . . .



At the bottom of the cutter, teeth mesh with a screw, which is held tightly in a clamping plate. Turning the screw gives a direct-reading, micromatic adjustment (no calculations when using this bit). And because the cutter is held in mesh with the screw thread, this cutter stays exactly where placed, until you reset it for another hole.

Visual packaging for both the No. 10 and No. 20 sizes provides dealers with opportunities for open counter display where the bit sells itself.

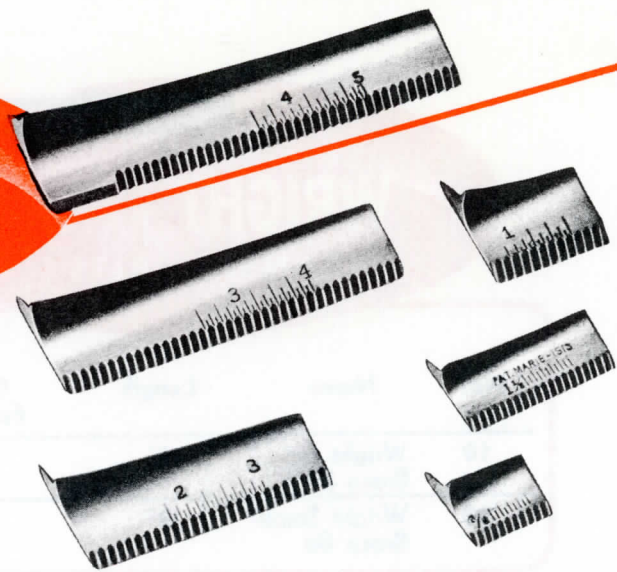


## WRIGHT PATENT EXPANSIVE MACHINE BITS

| <i>Micromatic Adjustment</i> |                             |        |                |                      |                            |                     |                    |
|------------------------------|-----------------------------|--------|----------------|----------------------|----------------------------|---------------------|--------------------|
| No.                          | Name                        | Length | Shank<br>Diam. | Cutters<br>Furnished | Capacity                   | Standard<br>Packing | Shipping<br>Weight |
| 110                          | Wright Large<br>Machine Bit | 8"     | ½"             | #3<br>#4             | bores holes<br>7/8" to 3"  | 6 pouches           | 4 lbs.             |
| 120                          | Wright Small<br>Machine Bit | 7"     | ½"             | #1<br>#2             | bores holes<br>5/8" to 1¾" | 6 pouches           | 2½ lbs.            |



**CUTTERS FOR ALL  
WRIGHT  
EXPANSIVE BITS**



| No. | Name          | Capacity         | Packing          | Shipping Weight |
|-----|---------------|------------------|------------------|-----------------|
| 1   | Wright Cutter | 5/8" to 1 1/8"   | one doz. per box | 4 oz. per doz.  |
| 2   | Wright Cutter | 1 1/8" to 1 3/4" | one doz. per box | 4 oz. per doz.  |
| 3   | Wright Cutter | 7/8" to 1 3/4"   | one doz. per box | 6 oz. per doz.  |
| 4   | Wright Cutter | 1 3/4" to 3"     | one doz. per box | 10 oz. per doz. |
| 5   | Wright Cutter | 3" to 4"         | one doz. per box | 14 oz. per doz. |
| 6   | Wright Cutter | 4" to 5"         | one doz. per box | 1 lb. per doz.  |



## **WRIGHT EXPANSIVE BITS**

### **POSITIVE ADJUSTMENT TO EXACT HOLE SIZE**

Frequently woodworkers are faced with the problem of fitting a plug or a rung into a round hole with a close fit. In this situation the workman adjusts his expansive bit to the exact size of the plug. His adjustment is faster and easier when he uses a Wright Expansive Bit.

On the face of the cutter, graduations are marked to 1/16 inch. But even closer adjustment is possible.

Because the cutter is moved 1/16" by one complete turn of the adjusting screw, the workman can position the cutter exactly where he wishes. He adjusts to many sizes that fall between the sizes of stock bits. And he also finds the adjusting screw a big convenience when setting the cutter to duplicate a hole already bored.

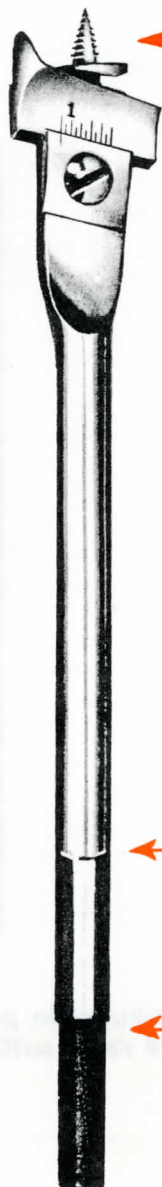
# CONN. VALLEY

## Expansive

## MACHINE BITS

### for Electric Drill or Drill Press

ALSO FITS INTO HAND BRACE



Three-Quarter Thread  
plus FLAT

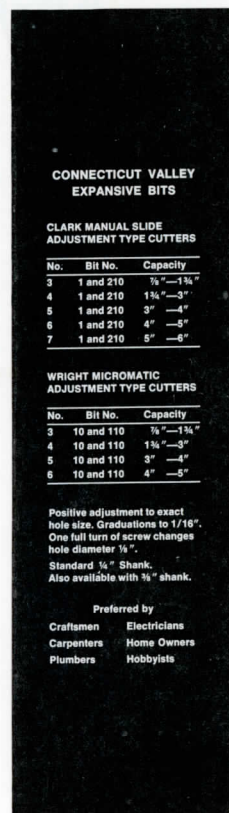
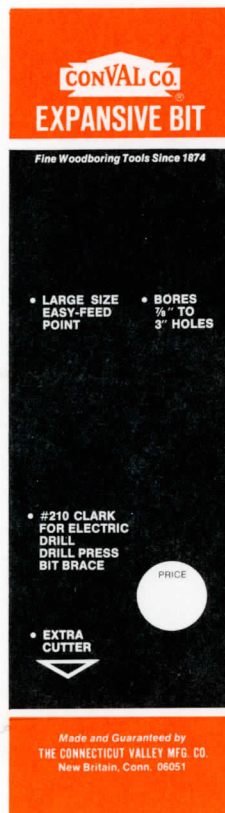
Thread for positive  
lead

Flat for  
Easy Removal

Flats on shank  
permit use in  
Hand Brace

1/4" diam.  
fits chuck of  
hobbyist's drill

3/8" diam.  
recommended for  
no. 210



Packed in  
reusable  
plastic pouches  
for rack selling

| No. | Name     | Cutters<br>Furnished | Capacity       | Shank<br>Size | Standard<br>Packing | Shipping<br>Weight |
|-----|----------|----------------------|----------------|---------------|---------------------|--------------------|
| 210 | Hobbyist | #3                   | 7/8" to 1 3/4" | 1/4" or 3/8"  | 6 pouches           | 3 1/2 lbs.         |
|     |          | #4                   | 1 3/4" to 3"   |               |                     |                    |
| 220 | Hobbyist | #1                   | 1/2" to 7/8"   | 1/4"          | 6 pouches           | 2 lbs.             |
|     |          | #2                   | 7/8" to 1 1/2" |               |                     |                    |



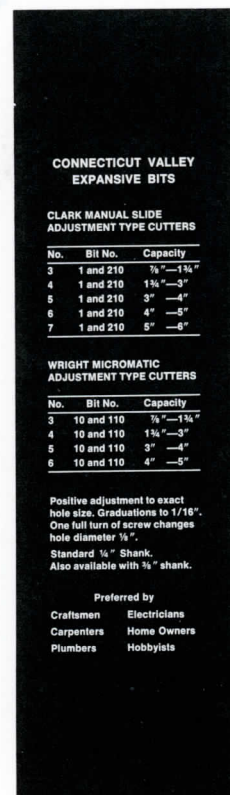
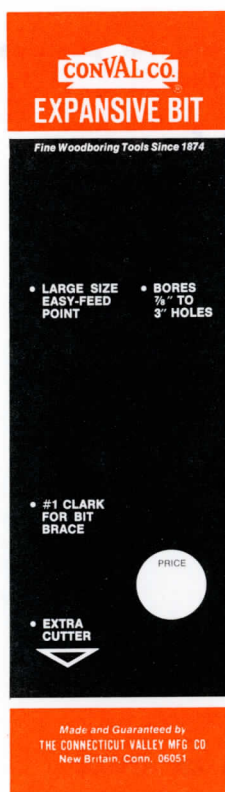
# CONN. VALLEY

## Expansive

# HAND BRACE BITS



#1 (large)  
#2 (small)  
Takes two sizes  
of cutters



Packed in reusable plastic  
pouches for rack selling

| No. | Name                            | Length | Cutters<br>Furnished | Capacity       | Standard<br>Packing | Shipping<br>Weight |
|-----|---------------------------------|--------|----------------------|----------------|---------------------|--------------------|
| 1   | Conn. Valley<br>Large Brace Bit | 9"     | #3<br>#4             | 7/8" to 3"     | 6 pouches           | 3 1/2 lbs.         |
| 2   | Conn. Valley<br>Small Brace Bit | 8 1/4" | #1<br>#2             | 1/2" to 1 1/2" | 6 pouches           | 2 lbs              |

## CUTTERS FOR ALL CONN. VALLEY EXPANSIVE BITS



| No. | Name                | Capacity       | Packing          | Shipping Weight      |
|-----|---------------------|----------------|------------------|----------------------|
| 1   | Conn. Valley Cutter | 1/2" to 7/8"   | one doz. per box | 4 oz. per doz.       |
| 2   | Conn. Valley Cutter | 7/8" to 1 1/2" | one doz. per box | 4 oz. per doz.       |
| 3   | Conn. Valley Cutter | 7/8" to 1 3/4" | one doz. per box | 6 oz. per doz.       |
| 4   | Conn. Valley Cutter | 1 3/4" to 3"   | one doz. per box | 10 oz. per doz.      |
| 5   | Conn. Valley Cutter | 3" to 4"       | one doz. per box | 14 oz. per doz.      |
| 6   | Conn. Valley Cutter | 4" to 5"       | one doz. per box | 1 lb. per doz.       |
| 7   | Conn. Valley Cutter | 5" to 6"       | one doz. per box | 1 lb. 4 oz. per doz. |

These cutters fit: \_\_\_\_\_

Conn. Valley HAND BITS

#1  
#2

Conn. Valley MACHINE BITS

#210  
#220

### HOW TO SHARPEN CONNECTICUT VALLEY AND WRIGHT PATENT EXPANSIVE BITS



Like any hand tool one of these bits will become dulled after prolonged use. So it is advisable that the user know the accepted practice of sharpening.

The first step is to remove the cutter from the bit. Then . . .

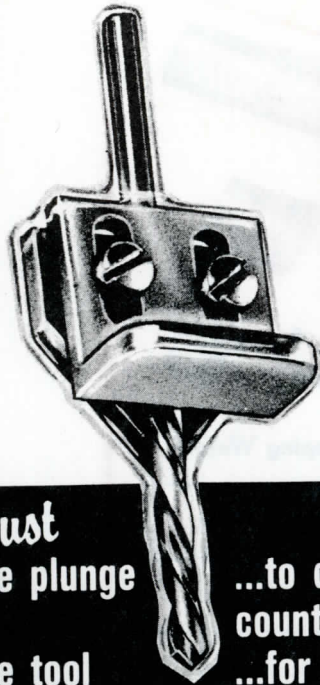
1. To sharpen cutting edge of bit use a fine file and sharpen from Under Side of cutting lip, matching in with base of thread.

2. To sharpen cutter place it in your bench vise (see illustration). Using fine file, sharpen spur From Inside to cutting edge. Follow the original contour carefully, leaving as much height as possible.

3. To sharpen cutting edge of cutter use round side of fine, half-round file. Always sharpen from the Face side.



# Adjustable Countersink Drill Holder



Just  
one plunge  
one tool

...to drill and  
countersink  
...for your different  
sizes of drills

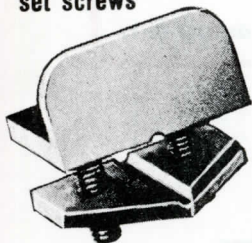
countersunk  
screw  
holes

ALL  
sizes

$\frac{1}{16}$ " to  $\frac{3}{8}$ "

## HOW TO CHANGE YOUR DRILLS

1. loosen  
set screws



slot  
for drill

2. remove  
drill



stock #70

slide the  
stop  
to position  
giving  
desired  
countersink  
depth

stop gages  
hole depth



3. insert another  
size drill in slot

4. adjust for:
  - hole depth
  - countersink  
depth

5. tighten  
set screws

THE CONN. VALLEY MFG. CO.  
NEW BRITAIN, CONN. 06051

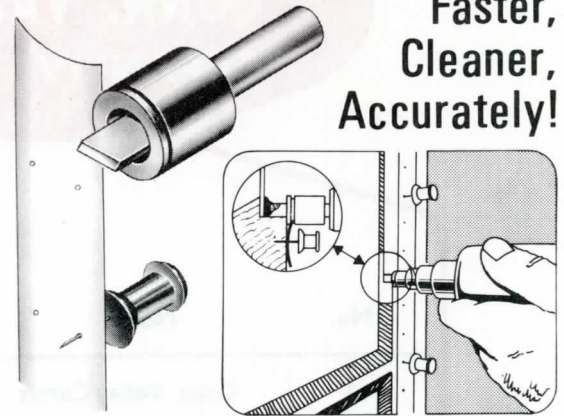
Made in U.S.A.

CONN. VALLEY  
MFG. CO.

## THE PUTTY CHASER

NEW!

Removes hard putty  
Faster,  
Cleaner,  
Accurately!



Simple and easy to use. Can be powered by  $\frac{1}{4}$ " electric drill or a hand grinder. Removes hard window putty without removing the sash or storm window framing. Will not char the wood or crack the glass. No cuts, bruises or scratches. Steel guide strip insures even removal of putty to with  $\frac{1}{32}$ " from wood and glass. Cutter has solid carbide tip for long working life. Complete instructions included with tool. Two models available: No. 101— $\frac{1}{8}$ " shank for hand grinder; No. 102— $\frac{1}{4}$ " shank for electric drill. Pat. pending.

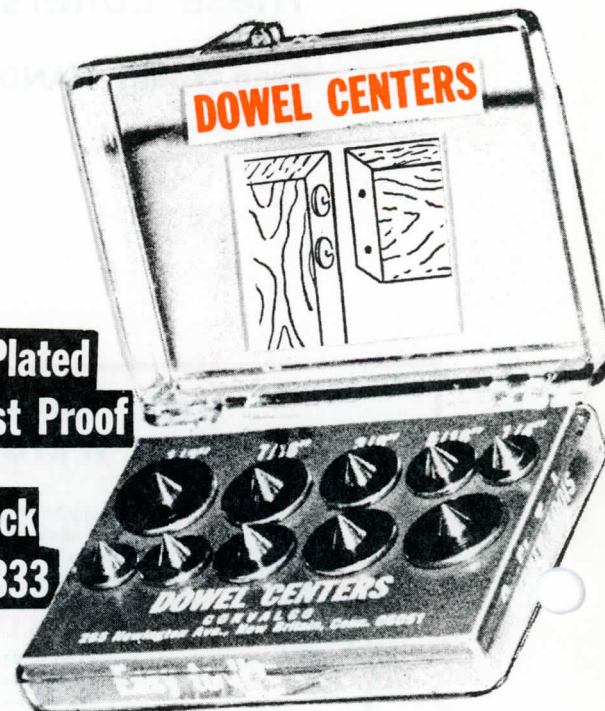
No. 101 -  $\frac{1}{8}$ " SHANK

No. 102 -  $\frac{1}{4}$ " SHANK

## DOWEL CENTERS

Plated  
Rust Proof

Stock  
No. 333



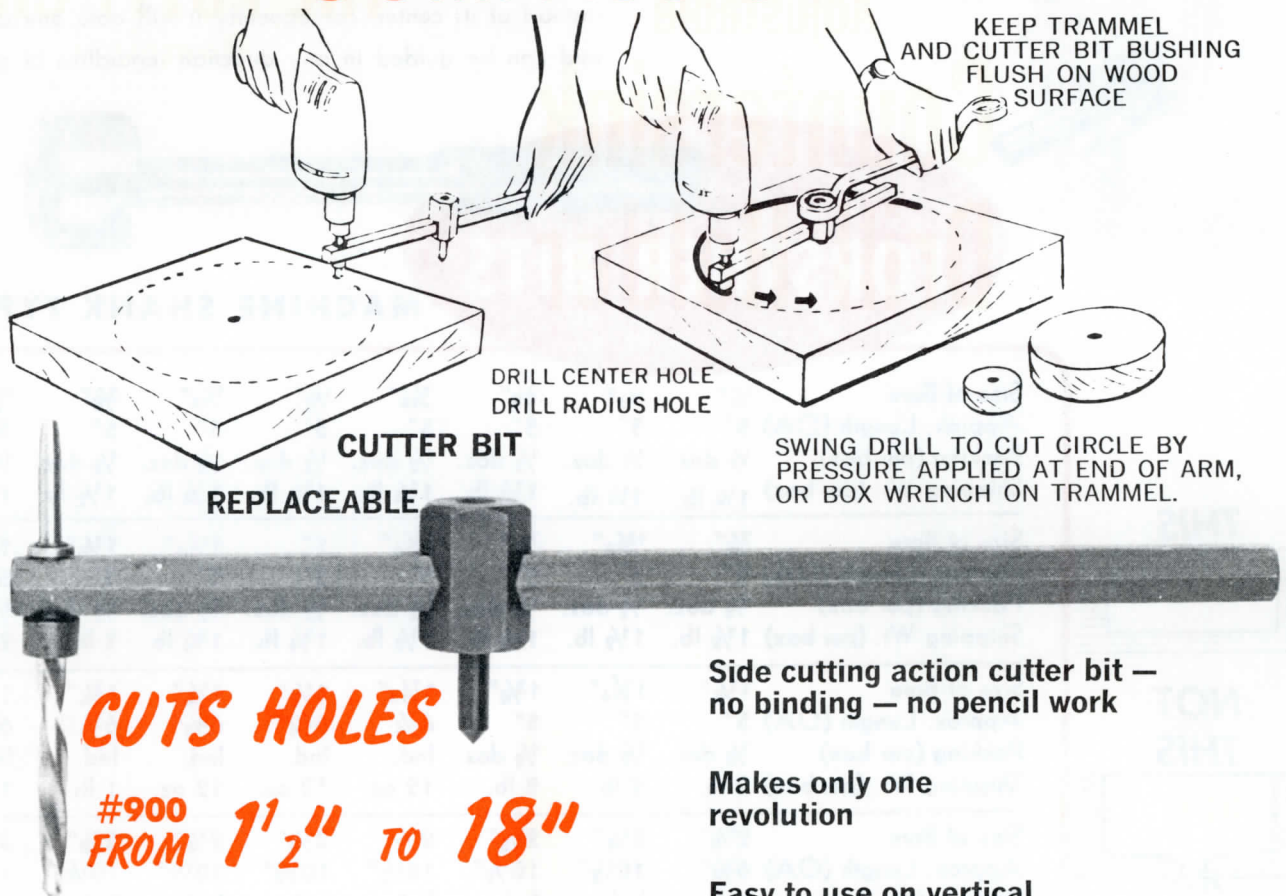
#70

Std. Pkg.  
12

Shipping Wgt.  
3 lbs.



# COMPASS CUTTER



Side cutting action cutter bit —  
no binding — no pencil work

Makes only one  
revolution

Easy to use on vertical  
panels.

## BEST USED IN ELECTRIC DRILLS WITH FAST RPM



Center of trammel point to inside edge of  
cutter bit gives hole radius, (direct reading scale  
for hole diameter on back of bubble pack dis-  
play card)

Special cutter bit with router action cuts at  
point as well as along length of its side.

COMPASS CUTTER provides a simple method  
of cutting large openings in wood, light sheet  
metal, plastics, and fibreglas.



*Rack Selling from Bubble-Pack  
Display Card*

**COMPASS CUTTER**

**#900**

**Std. Pkg.**

**Wgt.  
4 lbs.**

**6**

**THE CONNECTICUT VALLEY MFG. CO., NEW BRITAIN, CONN.**

## FOR SMOOTH, ROUND OR OVAL BORING, SCROLL AND TWIST WORK

The FORSTNER Bit, unlike other bits, is guided by its Circular Rim instead of its center, consequently it will bore any arc of a circle, and can be guided in any direction regardless of grain or knots,



### FORSTNER BITS

#### MACHINE SHANK TYPE NO. 60

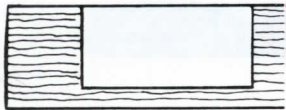
|                        |           |           |           |           |           |           |           |           |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Size of Bore           | 1/4"      | 5/16"     | 3/8"      | 7/16"     | 1/2"      | 9/16"     | 5/8"      | 11/16"    |
| Approx. Length (OA)    | 5"        | 5"        | 5"        | 5"        | 5"        | 5"        | 5"        | 5"        |
| Packing (per box)      | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  |
| Shipping Wt. (per box) | 1 1/4 lb. | 1 1/4 lb. | 1 1/4 lb. | 1 1/4 lb. | 1 1/4 lb. | 1 1/4 lb. | 1 1/2 lb. | 1 1/2 lb. |

|                        |           |           |           |           |           |           |          |          |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|
| Size of Bore           | 3/4"      | 1 1/16"   | 7/8"      | 1 5/16"   | 1"        | 1 1/8"    | 1 1/8"   | 1 3/16"  |
| Approx. Length (OA)    | 5"        | 5"        | 5"        | 5"        | 5"        | 5"        | 5"       | 5"       |
| Packing (per box)      | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  | 1/2 doz. | 1/2 doz. |
| Shipping Wt. (per box) | 1 1/2 lb. | 1 1/2 lb. | 1 1/2 lb. | 1 1/2 lb. | 1 3/4 lb. | 1 3/4 lb. | 2 lb.    | 2 lb.    |

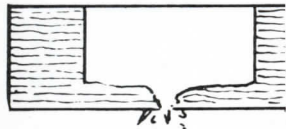
|                        |          |          |          |         |        |        |        |        |        |
|------------------------|----------|----------|----------|---------|--------|--------|--------|--------|--------|
| Size of Bore           | 1 1/4"   | 1 5/16"  | 1 3/8"   | 1 7/16" | 1 1/2" | 1 5/8" | 1 3/4" | 1 7/8" | 2"     |
| Approx. Length (OA)    | 5"       | 5"       | 5"       | 6 3/4"  | 6 3/4" | 6 3/4" | 6 3/4" | 6 3/4" | 6 3/4" |
| Packing (per box)      | 1/2 doz. | 1/2 doz. | 1/2 doz. | Ind.    | Ind.   | Ind.   | Ind.   | Ind.   | Ind.   |
| Shipping Wt. (per box) | 2 lb.    | 2 lb.    | 2 lb.    | 12 oz.  | 12 oz. | 12 oz. | 1 lb.  | 1 lb.  | 1 lb.  |

|                        |        |         |         |         |           |           |           |           |
|------------------------|--------|---------|---------|---------|-----------|-----------|-----------|-----------|
| Size of Bore           | 2 1/8" | 2 1/4"  | 2 3/8"  | 2 1/2"  | 2 5/8"    | 2 3/4"    | 2 7/8"    | 3"        |
| Approx. Length (OA)    | 6 3/4" | 10 1/2" | 10 1/2" | 10 1/2" | 10 1/2"   | 10 1/2"   | 10 1/2"   | 10 1/2"   |
| Packing (per box)      | Ind.   | Ind.    | Ind.    | Ind.    | Ind.      | Ind.      | Ind.      | Ind.      |
| Shipping Wt. (per box) | 1 lb.  | 2 lb.   | 2 lb.   | 2 lb.   | 2 1/4 lb. | 2 1/4 lb. | 2 1/4 lb. | 2 1/2 lb. |

**THIS**



**NOT THIS**



Machine bits are furnished with round shanks 1/2" in diameter, 1/2" being regular on sizes up to and including 2 1/8". Machine bits larger than 2 1/8" dia. have 3/4" round shanks. 1/4" and 5/16" have 5/16" shank. 3/8" has 1/2" shank. Other size shanks can be furnished on special order at special prices.

### FORSTNER BITS

#### BRACE SHANK TYPE NO. 50

|                        |           |           |           |           |           |           |           |           |           |
|------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Size of Bore           | 1/4"      | 5/16"     | 3/8"      | 7/16"     | 1/2"      | 9/16"     | 5/8"      | 11/16"    | 3/4"      |
| Approx. Length (OA)    | 6 1/4"    | 6 1/4"    | 6 1/4"    | 6 1/4"    | 6 1/4"    | 6 3/4"    | 6 3/4"    | 6 3/4"    | 6 3/4"    |
| Packing (per box)      | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  |
| Shipping Weight (lbs.) | 1 1/4 lb. | 1 1/4 lb. | 1 1/4 lb. | 1 1/4 lb. | 1 1/4 lb. | 1 1/4 lb. | 1 1/2 lb. | 1 1/2 lb. | 1 1/2 lb. |

|                        |           |          |          |           |           |           |           |           |           |
|------------------------|-----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Size of Bore           | 1 3/16"   | 7/8"     | 1 5/16"  | 1"        | 1 1/16"   | 1 1/8"    | 1 3/16"   | 1 1/4"    | 1 5/16"   |
| Approx. Length (OA)    | 7 1/4"    | 7 1/4"   | 7 1/4"   | 7 1/4"    | 7 3/4"    | 7 3/4"    | 7 3/4"    | 7 3/4"    | 8 1/4"    |
| Packing (per box)      | 1/2 doz.  | 1/2 doz. | 1/2 doz. | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  | 1/2 doz.  |
| Shipping Weight (lbs.) | 1 3/4 lb. | 2 lb.    | 2 lb.    | 2 1/4 lb. | 2 1/4 lb. | 2 1/2 lb. | 2 1/2 lb. | 2 3/4 lb. | 2 3/4 lb. |

|                        |           |         |        |        |        |        |        |
|------------------------|-----------|---------|--------|--------|--------|--------|--------|
| Size of Bore           | 1 3/8"    | 1 7/16" | 1 1/2" | 1 5/8" | 1 3/4" | 1 7/8" | 2"     |
| Approx. Length (OA)    | 8 1/4"    | 8 1/4"  | 8 1/4" | 8 1/4" | 8 3/4" | 8 3/4" | 8 3/4" |
| Packing (per box)      | 1/2 doz.  | Ind.    | Ind.   | Ind.   | Ind.   | Ind.   | Ind.   |
| Shipping Weight (lbs.) | 2 3/4 lb. | 12 oz.  | 12 oz. | 1 lb.  | 1 lb.  | 1 lb.  | 1 lb.  |



For boring any arc of a circle



# WRIGHT'S



## PATENT COUNTERBORE NO. 80

This improved counterbore incorporates many novel features which in combination produce a wonderfully efficient tool for use in boat building, cabinet work or any construction which requires a bung over the fastening. It combines drilling to guide the fastening and counterboring for the bung into a single operation. The tool is made with 1/4 in. round shank for use in small electric, hand or breast drills.

It has the extension lip which has proven to be the superior form of cutting edge for wood boring tools. The depths which the drill and counterbore cut are both adjustable. The stop which determines depth of counterbore is of novel construction having a chipway which is always in perfect relation to the flute of the bit thus allowing the chips free exit and preventing their accumulation under the stop.

| Diameter | Drill No. | Shank Size | Packing    | Shipping Wt. |
|----------|-----------|------------|------------|--------------|
| 3/8"     | 36        | 1/4"       | Individual | 4 oz.        |
| 1/2"     | 30        | 1/4"       | Individual | 6 oz.        |
| 5/8"     | 25        | 3/8"       | Individual | 8 oz.        |
| 3/4"     | 18        | 1/2"       | Individual | 12 oz.       |

Fitted with Drills larger than above specifications at an extra charge of 20%.



## PATENT COUNTERSINK NO. 85

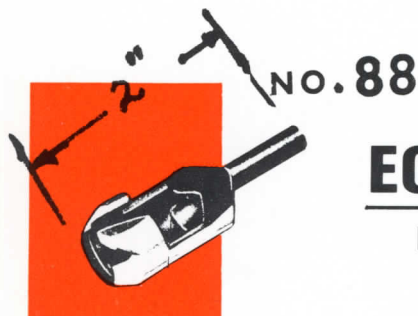
| Diameter | Drill No. | Shank Size | Packing    | Shipping Wt. |
|----------|-----------|------------|------------|--------------|
| 1/2"     | 30        | 1/4"       | Individual | 6 oz.        |
| 5/8"     | 18        | 5/16"      | Individual | 8 oz.        |

Fitted with Drills larger than above specifications at an extra charge of 20%.

## SPIRAL WOOD PLUG CUTTER

A carefully designed, one-piece tool for cutting cross-grain plugs or end-grain dowels. Both the inside and the outside of cutter barrel are accurately ground after hardening to assure easy clearance and accurate plug size. Produced in three styles.

Plug is outlined with a knife-edge rim, while stock is removed with a single cutting edge, which is slightly pitched to produce an exceptionally smooth, clean cut. Carefully made of tough, alloy steel for long life. Easily sharpened.



## ECONOMY PLUG CUTTER

This Plug Cutter will cut Dowel or Plug 1/2" long - Excellent for Boat, Home Owner, & Hobbyist:

|       |            |      |            |
|-------|------------|------|------------|
| 1/4"  | 1/4" Shank | 5/8" | 3/8" Shank |
| 5/16" | "          | 3/4" | "          |
| 3/8"  | "          | 7/8" | "          |
| 7/16" | "          | 1"   | "          |
| 1/2"  | "          |      |            |

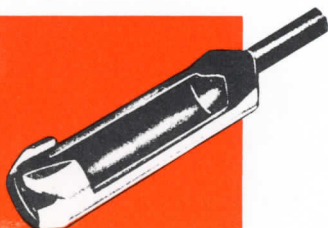
ALL PLUG CUTTERS ARE  
PACKED ONE PER BOX

**No. 90** with a 1/4" shank, for home workshop, also cuts dowels up to 1 1/2" in length

**No. 100** a heavier tool for commercial use, features 3/8" shank for large power tools, and a heavy-duty, 2 3/8" long cutting barrel that delivers plugs up to 1 1/8" long. It comes in nine sizes to cut plugs from 3/8" to 1" diameter.

| # 90                          | & | # 100 |
|-------------------------------|---|-------|
| Both have the following sizes |   |       |
| 1/4"                          |   | 5/8"  |
| 5/16"                         |   | 3/4"  |
| 3/8"                          |   | 7/8"  |
| 7/16"                         |   | 1"    |
| 1/2"                          |   |       |

ALL PLUG CUTTERS ARE  
PACKED ONE PER BOX

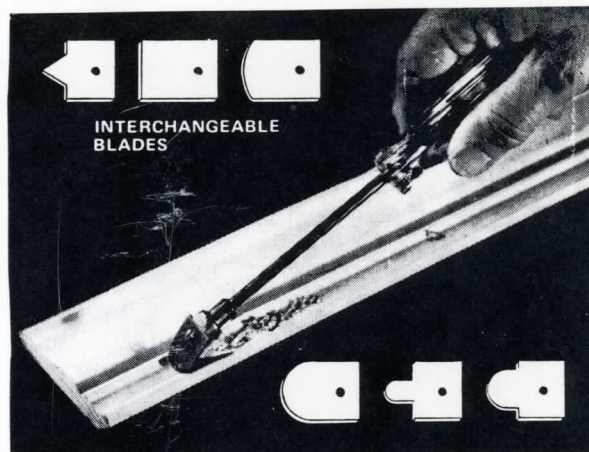




TOOL No.  
324

# SHAPE SKRAPE

Ideal for Homeowner—Hobbyist—Handyman



## Scraper Goes Where Sandpaper Can't

To get at tight spots on furniture or window frames for refinishing or repainting, Shape-Skrape has six quickly interchangeable blades to fit virtually any

surface contour. Handle and long shank assure positive control; blades are hard-tool steel and reversible. Shape-Skrape

## THE NEW Heavy Duty HAND SCRAPER

THE REFINISHER'S BEST FRIEND

Gets into those corners that sandpaper can't reach.

THIS TOOL COMES WITH 2" SCRAPER AND OVERSIZE HANDLE FOR THE PROFESSIONAL. GOOD FOR PAINT SCRAPING, WINDOW SILLS, FURNITURE, ETC.

# SHAPESKRAPE

TOOL  
No. **325**

**7** quickly interchangeable blades to fit almost any surface contour.

ACTUAL SIZE

